

DERWENT-ACC-NO: 1990-267149

DERWENT-WEEK: 199035

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TITLE: Device for measuring driving force acting on vehicle
pedal - has resistance strain gauges attached to strain
beam on either side of lane formed by ends of supports

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PRIORITY-DATA: 1987SU-4335940 (December 1, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1525501 A	November 30, 1989	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SU 1525501A	N/A	1987SU-4335940	December 1, 1987

INT-CL (IPC): G01L005/22

ABSTRACTED-PUB-NO: SU 1525501A

BASIC-ABSTRACT:

The force is transmitted through pins to the strain beams (4) with resistance strain gauges (5) positioned on them. Since the axis (11) of the clamping component (9) lies in the plane formed by the axis of rotation of the pedal and the bearing surface of the pedal, the resistance strain gauges (5) record only the tangential component of the force which makes the vehicle pedal move.

ADVANTAGE - The driving force can be measured with increased accuracy. Bul. 44/30.11.89

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: DEVICE MEASURE DRIVE FORCE ACT VEHICLE PEDAL RESISTANCE STRAIN GAUGE ATTACH STRAIN BEAM SIDE LANE FORMING END SUPPORT

DERWENT-CLASS: S02

EPI-CODES: S02-F03X;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-206684

